

## PATENT COOPERATION TREATY

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**PCT**

**NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

(PCT Rule 72.2)

From the INTERNATIONAL BUREAU

To:

ISHIDA, Takashi  
 A. Aoki, Ishida & Associates  
 Toranomon 37 Mori Bldg., 5-1,  
 Toranomon 3-chome  
 Minato-ku, Tokyo 105-8423  
 Japan

Date of mailing (day/month/year) 30 June 2003 (30.06.03)	
Applicant's or agent's file reference J802-PCT	
International application No. PCT/JP01/07500	International filing date (day/month/year) 30 August 2001 (30.08.01)
<b>Applicant</b> FUJITSU LIMITED et al	

**1. Transmittal of the translation to the applicant.**

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

**2. Transmittal of the copy of the translation to the elected Offices.**

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

EP,CN,US

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

JP,KR

**3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).**

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

**It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.**

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. (41-22) 338.90.90	Authorized officer  Elliott PERETTI (Fax 338 9090)  Telephone No. (41-22) 338 9906
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## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference J802-PCT	<b>FOR FURTHER ACTION</b>	SeeNotificationofTransmittalofInternational Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/JP01/07500	International filing date (day/month/year) 30 August 2001 (30.08.01)	Priority date (day/month/year)
International Patent Classification (IPC) or national classification and IPC G07F 19/00		
Applicant FUJITSU LIMITED		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of \_\_\_\_\_ sheets.

3. This report contains indications relating to the following items:

- I  Basis of the report
- II  Priority
- III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand  26 April 2002 (26.04.02)	Date of completion of this report  27 November 2002 (27.11.2002)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP01/07500

## I. Basis of the report

## 1. With regard to the elements of the international application:\*

 the international application as originally filed the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

 the claims:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, as amended (together with any statement under Article 19)

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

 the drawings:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

 the sequence listing part of the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.  
These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is: the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

 contained in the international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4.  The amendments have resulted in the cancellation of: the description, pages \_\_\_\_\_ the claims, Nos. \_\_\_\_\_ the drawings, sheets/fig \_\_\_\_\_5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

International application No.

PCT/JP01/07500

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1-7	YES
	Claims		NO
Inventive step (IS)	Claims	1-7	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-7	YES
	Claims		NO

**2. Citations and explanations**

The subject matters of claims 1-7 are neither described in any of the documents cited in the ISR, nor obvious to a person skilled in the art.

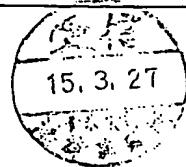
From the INTERNATIONAL BUREAU

**PCT**INFORMATION CONCERNING ELECTED  
OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

To:

ISHIDA, Takashi  
 A. Aoki, Ishida & Associates  
 Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome  
 Minato-ku, Tokyo 105-8423  
 JAPON



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Date of mailing( <i>day/month/year</i> ) 13 March 2003 (13.03.03)
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Applicant's or agent's file reference J802-PCT
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**IMPORTANT INFORMATION**

International application No. PCT/JP01/007500	International filing date( <i>day/month/year</i> ) 30 August 2001 (30.08.01)	Priority date( <i>day/month/year</i> )
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Applicant <b>FUJITSU LIMITED</b>
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1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

**EP: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR**  
**National: CN, JP, KR, US**

2. The following Offices have waived the requirement for the notification of their election: the notification will be sent to them by the International Bureau only upon their request:

None

3. The applicant is reminded that he must enter the "national phase" before the expiration of 30 months from the priority date before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1) (a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3) (b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into European regional phase is postponed until 31 months from the priority date for all States designated for the purposes of obtaining a European patent.

The International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland

Authorized officer

**Judith Zahra**

Facsimile No.(41-22) 740.14.35

Telephone No.(41-22) 338.91.11

## PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

**PCT**NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

ISHIDA, Takashi  
 A. Aoki, Ishida & Associates  
 Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome  
 Minato-ku, Tokyo 105-8423  
 JAPON

Date of mailing(day/month/year) 13 March 2003 (13.03.03)		
Applicant's or agent's file reference J802-PCT	<b>IMPORTANT NOTICE</b>	
International application No. PCT/JP01/007500	International filing date(day/month/year) 30 August 2001 (30.08.01)	Priority date(day/month/year)
Applicant  FUJITSU LIMITED		

1. Notice is hereby given that the International Bureau has **communicated**, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

KR, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

CN, EP, JP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 13 March 2003 (13.03.03) under No. WO 03/021545.

**4. TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase**

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be **30 MONTHS** from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of 19 months from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, **time limits other than the 30-month time limit** will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a **demand for international preliminary examination**, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Judith Zahra
Facsimile No.(41-22) 740.14.35	Telephone No.(41-22) 338.91.11

(12)特許協力条約に基づいて公開された国際出願

(19)世界知的所有権機関  
国際事務局



(43)国際公開日  
2003年3月13日 (13.03.2003)

PCT

(10)国際公開番号  
WO 03/021545 A1

(51)国際特許分類7: G07F 19/00

(21)国際出願番号: PCT/JP01/07500

(22)国際出願日: 2001年8月30日 (30.08.2001)

(25)国際出願の言語: 日本語

(26)国際公開の言語: 日本語

(71)出願人(米国を除く全ての指定国について): 富士通株式会社 (FUJITSU LIMITED) [JP/IP]: 〒211-8588 神奈川県川崎市中原区上小田中4丁目1番1号 Kanagawa (JP).

(72)発明者; および  
(75)発明者/出願人(米国についてのみ): 江上博之

(EGAMI, Hiroyuki) [JP/IP]. 大田昭典 (OHTA, Akinori) [JP/IP]: 〒211-8588 神奈川県川崎市中原区上小田中4丁目1番1号 富士通株式会社内 Kanagawa (JP).

(74)代理人: 石田 敬, 外 (ISHIDA, Takashi et al.): 〒105-8423 東京都港区虎ノ門三丁目5番1号 虎ノ門37森ビル 青和特許法律事務所 Tokyo (JP).

(81)指定国(国内): CN, JP, KR, US.

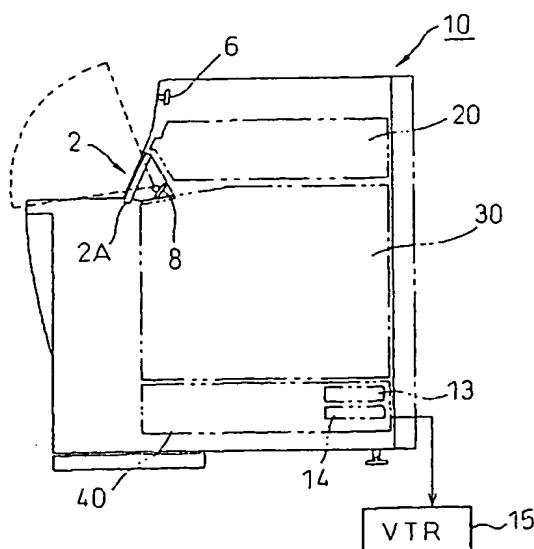
(84)指定国(広域): ヨーロッパ特許 (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

添付公開書類:  
— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイドスノート」を参照。

(54) Title: AUTOMATIC MONEY TRANSACTING APPARATUS, AND PAPER CURRENCY UNIT HAVING BUILT-IN CAMERA

(54)発明の名称: 自動金銭取引装置およびカメラを内蔵した紙幣ユニット



(57) Abstract: An automatic money transacting apparatus for paying/receiving money automatically in response to the operation of a customer. At a predetermined position in a paper currency handling window opened/closed by a shutter, there is disposed a crime preventing camera capable of imaging when the shutter is opened, together with a sensor for detecting the insertion of a hand into the paper currency handling window. When it is detected that the customer inserts a hand into the window to take the paper currency, the figure including the hand of the customer is imaged by the crime preventing camera. As a result, the figure of the customer can be imaged to prevent a crime without making the customer conscious of the presence of the camera.

WO 03/021545 A1

[続葉有]



## (57) 要約:

顧客の操作に応じて金銭の自動出納を行う自動金銭取引装置において、シャッタによって開閉される紙幣の取扱口の中の所定の箇所に、シャッタが開いた時に撮影可能となる防犯用カメラを、紙幣の取扱口への手の挿入を検出するセンサと共に設け、紙幣を抜き取る際に顧客が紙幣の取扱口に手を挿入したことを検出した時に、この防犯用カメラで顧客の手元を含む姿を撮影する。この結果、顧客にカメラの存在を意識させることなく、顧客の姿を撮影して防犯に役立てることができる。

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/07500

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> G07F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G07D 9/00-13/00, G07F 7/00-7/12, 19/00, G06F17/60-19/00Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2001  
Kokai Jitsuyo Shinan Koho 1971-2001 Jitsuyo Shinan Toroku Koho 1996-2001

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 09-147182 A (Toshiba Corporation), 06 June, 1997 (06.06.97) (Family: none)	1-7
A	JP 01-196666 A (Toshiba Corporation), 08 August, 1989 (08.08.89) (Family: none)	1-7
A	EP 0661677 A2 (Eastman Kodak Company), 05 July, 1995 (05.07.95), & JP 07-234958 A	1-7

 Further documents are listed in the continuation of Box C. See patent family annex.

* "A" Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 15 November, 2001 (15.11.01)	Date of mailing of the international search report 27 November, 2001 (27.11.01)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.